

## **ABSTRACT**

**[0048]** A slip seal adapter is for insertion within a connector of movable catheter components. The adapter includes a rigid tube and a thermally shrinkable wrap extending from the tube. A lumen runs through the adapter to permit the catheter to pass through the connector and through the adapter lumen, whereby the shrinkable wrap sealably surrounds a portion of the catheter. The shrinkable wrap comprises a lubricious material that permits the enclosed catheter to move in a lateral and/or rotational direction and yet maintains the close contact with the catheter.